CAPABILITIES DEVELOPMENT DIRECTORATE

EFDS Overview

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AGENDA

- **EFDS**
  - **Background**
  - **Overview**
  - **Process = FAA, FNA, FSA**
- **Questions**

BACKGROUND

- MARADMIN 621/05 – DC, CD&I Reorganization
- Updated EFDS based upon the Joint Capabilities Integration and Development System (JCIDS).

OVERVIEW

- CJCSM 3170.01 sets guidelines and procedures for JCIDS process.

- JCIDS is a capabilities-based assessment that defines capability gaps, capability needs, and approaches to provide those capabilities.

  - Functional Area Analysis (FAA) - Identifies operational tasks, conditions and standards needed to achieve desired outcomes for military objectives.
    - Output: Prioritized list of capabilities and their associated tasks by warfighting function.

  - Functional Needs Analysis (FNA) – Produces a list of capability gaps that require solutions.
    - Output: MAGTF Capabilities List (MCL)
      - Prioritized list of capability gaps by warfighting function (MCL).

  - Functional Solutions Analysis (FSA) – Assessment of DOTLPF or materiel approaches to solving or mitigating capability gaps ID'd in the FNA.
    - Output: MAGTF Requirements List (MRL).
      - Prioritized list of programs/new starts to compete for funding.

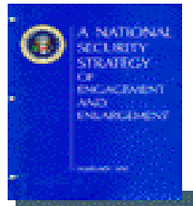
JCIDS and EFDS Macro View

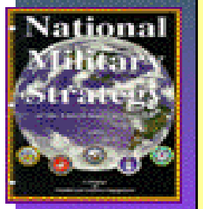
Functional Area Analysis

Functional Need Analysis

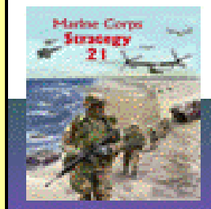
Functional Solution Analysis

Independent Analysis





CONCEPTS



Operating Forces
or
Supporting Establishment

DOTMLPF

MROC

J8 - Gate Keeper

JROC

JROC Interest

Joint Integration

Independent

POM

Force Capability Analysis

Force Capability Development

Prioritization & Resourcing

Capability Fielding & Transition

Expeditionary Force Development System
(EFDS)

Phase 1 - CAPABILITY DEVELOPMENT

Capability Identification → **Requirements Development**

Mission Area Analysis , Wargaming, Operational Architecture, S&T Development, Experimentation, and Force Structure Review. Fully encompasses USMC efforts to attain warfighting capabilities. **(Continuous through all phases of EFDS)**

Resource Informing (Continuous through all phases of EFDS)

A NATIONAL SECURITY STRATEGY OF ENGAGEMENT AND ENLARGEMENT
National Military Strategy
Marine Corps Strategy 21
2020

Marine Corps Operating Concepts for a Changing Security Environment

POM Impact Yr - 2 (Jan) | **POM Impact Yr - 2 (Nov)** | **POM Impact Yr - 2 (Dec)**

Functional Area Analysis Strategic Review Group

Conduct FAA: Formal standing working group conducts analyses of national strategies, joint, naval and Marine Corps concepts, other strategic documents, global potential adversary capabilities, and application of lessons learned **to identify capabilities, tasks, metrics and attributes**. Lead: MCWL Supporting: DCs, / Proponents, Marine Corps Intelligence Agency, Center for Emerging Threats And Opportunities, Warfighting Concepts, Marine Corps Center for Lessons Learned, Operations Analysis Division, CDD.

MID / Integration Divisions

Conduct FNA: Identify gaps, shortfalls, and excesses based upon FAA. The FNA baseline is the current and programs of record systems capabilities. Lead: Capabilities Development Directorate. Supporting: Deputy Commandants / Proponents, P&R, N

DC, CD&I Lead

Recommended MAGTF Capability List (MCL)

Product of the ECL and CPG for prioritizing capabilities across the MAGTF for the POM impact year. Lead-Capabilities Development Directorate

MAGTF Capability List (MCL)

Prioritized warfighting gaps and shortfalls identified in the FNA serve as the baseline for FSA. The MCL also includes recommended program divestiture and future offset candidates created in collaboration between the DC, CD&I, Deputy Commandants / Proponents, and the Marine Forces with linkage to the Combatant Commanders Integrated Priority List.

Expeditionary Force Strategic Plan

Provide Expeditionary Force Campaign Plan on a planning horizon. Lead: MID

Expeditionary Maneuver Warfare Capability List (ECL)

Identify all capabilities identified during FAA. Lead: MID

Universal Need Statement (UNS)

Universal Need Statement Development

Deputy Commandants / Proponents create UNS (includes P3I, SLEP, PIP, new starts, and enhancements). **MARFORs, MCSC, TECOM, etc., submit UNS via Deputy Commandants/ Proponents.**

CMC Planning Guidance (CPG)

for POM Impact Year "priorities" in capabilities development activities. Lead: CDD

Rules of Engagement

Lead: P&R
Support: DC, CD&I

DC, CD&I Informing Supporting Establishment PEGs:
Manpower,
I&L, (Housing)
(MilCon)
O&M (HQMC)
(OpFors)
(Bases & Station)

Strategic Assessment

Legend

Organizational Color Definition
Horizontal shading indicates shared responsibility. Vertical shading indicates shifting responsibility.

- CMC
- MROC
- DC,CD&I
- DC, P&R
- Deputy Commandant / Proponent / Supporting
- Marine Corps Systems Command

Symbology
- Document
- Decision
- Process / Explanation
- End

Phase 2 - REQUIREMENT DEVELOPMENT

POM Impact Yr- 1 (Jan) | **POM Impact Yr - 1 (Aug)**

Conduct FSA across Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel, and Facilities (DOTMLPF) pillars. Identifies **materiel** and **non-materiel** solutions, **sustainability, supportability, scheduled delivery** and **affordability** as well as S&T and experimentation initiatives.
(Lead) Capabilities Development Directorate (Support) Deputy Commandants/Proponents, P&R, MCSC, MCWL.

COA Selection
Draft Solution Planning Directive (SPD) Prepared by Cap Dev Directorate for DC, CD&I

Detailed Solution Planning
Published SPD directs action to conduct "pre-Phase A" activities and begin development of Requirement Documentation supporting Joint Capability Integration Development System (JCIDS) in implementing materiel/non-materiel solutions derived from the FSA.

SPD

ICD

WARFIGHTING "INVESTMENT" Program Evaluation Group (PEG) "activities"
conducted by INTEGRATION DIVISIONS during FSA

Recommended MAGTF Requirements List (MRL)
Lead: MID
Supporting: Deputy Commandants, Proponents, MarFors

Recommended S&T and Experimentation Plan
Lead: MCWL
Supporting: Deputy Commandants, Proponents

POM Impact Yr - 1 (Sep)

DC, CD&I Lead

MROC Validation

MAGTF Requirements List (MRL) [Unfunded]

MAGTF Requirements List (MRL)

Capabilities Development Directorate, TFS, T&E Cmd, and I&L
Develop Nonmateriel Requirements Documents

Requirements Documentation IPT
Upon MROC validation refine Materiel requirements documents required by JCIDS.

JROC (as required), MROC for Validation

Unfunded MRL items failing MROC approval, recompete across the Future Year Defense Plan.

DEPUTY COMMANDANT FOCUS AREAS IN THE CAPABILITIES DEVELOPMENT PROCESS

COMMAND ELEMENT	DC, CD&I
GROUND COMBAT ELEMENT	DC, PP&O
AVIATION COMBAT ELEMENT	
DC, AVN	
COMBAT SERVICE SUPPORT ELEMENT	
DC, I&L	
SUPPORTING ESTABLISHMENT	DC, I&L
MARINE CORPS RECRUITING COMMAND	
DC, M&RA	

MARINE REQUIREMENTS OVERSIGHT COUNCIL (MROC)

ACMC (CHAIRMAN)
DC, PPO **DC, M&RA**
DC, AVN **DC, CD**
DC, P&R **DC, I&L**

ACRONYMS

CDD: Capabilities Development Directorate
DC: Deputy Commandant
ID: Integration Division
MAGTF: Marine Air-Ground Task Force
MCL: MAGTF Capabilities List
MCWL: Marine Corps Warfighting Lab
MID: MAGTF Integration Division
MRL: MAGTF Requirements List
PEB: Program Evaluation Board
PRB: Program Review Board
PWG: POM Working Group
T-POM: Tentative POM

Phase 3 – PROGRAM DEVELOPMENT

POM Impact Yr (Jan) | **POM Impact Yr –1 (Nov)**

CMC Programming Direction and DC, P&R PEB TOA Allocation

CMC Program Direction (CPD)

MAGTF Requirements List (MRL)

Program Evaluation Board (PEB)
Headquarters
Infrastructure
Logistics Readiness
Manpower
Operating Force Readiness

Warfighting PEB
Review POM initiatives and Programs of Records (PORs)
- Acquisition Strategy
- Development Timeline
- Program Cost Estimates
- Fielding Recommendations
- Life Cycle Management
- DPG, QDR, SECNAV
- CMC guidance

Recommendations

WIPEB recommended TOA allocation for PORs and initiatives.

POM Impact Yr (May)

Review PEB input and request changes, as needed.
Lead: MROC

POM Working Group (PWG)
- Develop T-POM for PRB review

Lead: DC P&R
Support: HQMC, MarFors, MCSC, TECOM

PRB REVIEW
Lead: DC P&R
Support: DCs, MarFor, HQMC

MRO
Validated T-POM
CMC issues return for PRB/PRG refinement, as required.

POM Impact Yr (Aug) | **POM Impact Yr (Nov-Jan)**

Budget Estimate Submission

Unfunded Priority List Development

DoN Merge MC T-POM with Navy T-POM

SECNAV approval DoN POM

DOD validation for Presidential Budget Submission

Program Decision Memo

Program Budget Decision

BUDGET AND EXECUTION

Phase 4 - FIELDING AND TRANSITION

Deputy Commandant / Proponent Oversight

POM Impact Yr (+)

Nonmateriel Resources | *"DOTLPF"*

Nonmateriel DOTLPF Process
- **Implementation of non-materiel solution**

Materiel Resources | *"M"*

Acquisition and Fielding Process
MS A | MS B | MS C
CDD | CPD

Fielding Process

Capability/System Transition Task Force Planning Process
Lead: DC, CD&I
Supporting: Deputy Commandants / Proponents

Transition Task Force Plan

Fielded Capability

S&T Discovery and Invention for Non-technology-mature initiatives

4 Aug 06

POM-10 EXPEDITIONARY FORCE DEVELOPMENT SYSTEM (EFDS)

Jan 06-Aug 06	Aug 06-Dec 06	Jan 07	Jan 07-Dec 07	Jan 08	Jan 08-Apr 08	May 08	Event Driven
FAA	**FNA**		**FSA**		**POM**		
Capabilities Development		DC, CD&I Approval	Requirements Development	MROC Validation	Program Development	MROC Validation	Fielding Transition

WARFIGHTING FEA

Warfighting Investment Program Evaluation Board (WIPEB)

Functional Area Analysis
Identify required Capabilities w/ associated
-Tasks
-Conditions
-Standards

Functional Needs Analysis
Identify:
-Gaps
-Shortfalls
-Excesses

MAGTF Capability List (MCL)

Functional Solutions Analysis
Materiel & Non-materiel Solutions across DOTMLPF

MAGTF Requirements List (MRL)

Validated T-POM. → **DoN POM**

MAGTF Capabilities List (MCL)

- Prioritized list of capability gaps by Warfighting Function.

MAGTF Requirements List (MRL)

- Integrated/Prioritized, and fiscally informed requirements list.
- Derived from MCL.
- Materiel / non-materiel alternatives identified.
- Used to identify POM impact year warfighting requirements to compete for funding.

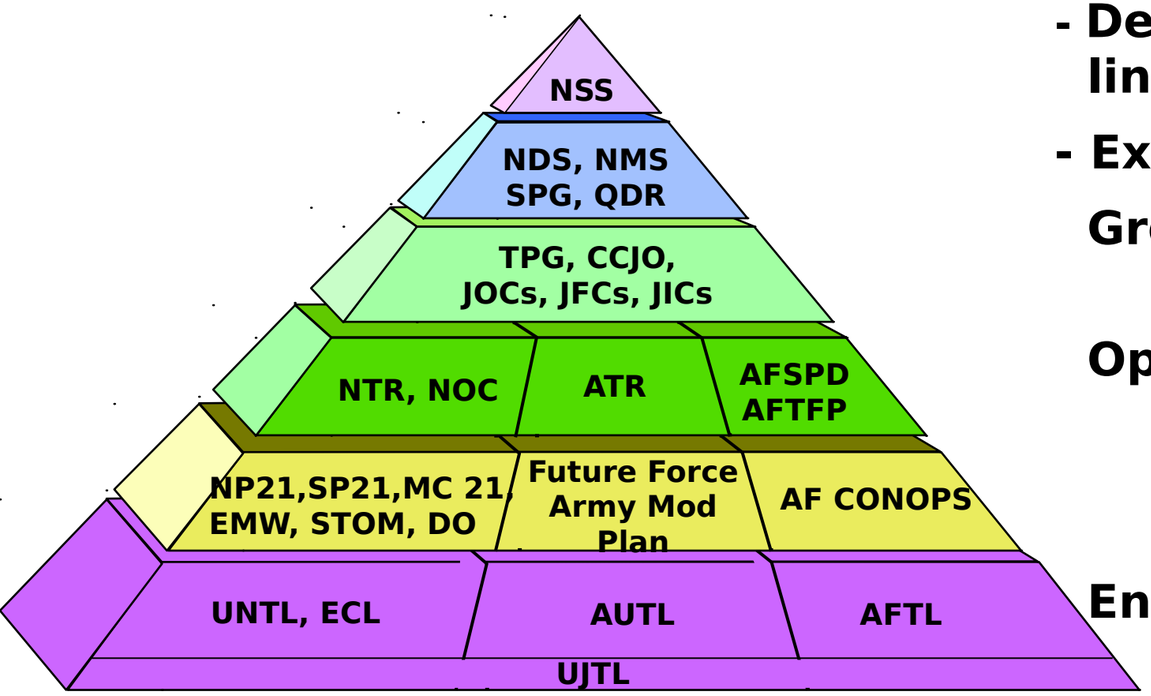
Nov 08 -Jan 09

Tentative POM

- CMC approves
- Navy and Marine Corps T-POMs are combined into the DoN POM and submitted to SECDEF.

FUNCTIONAL AREA ANALYSIS

JAN 06 **AUG 06** FRONT END ASSESSMENT



- **Develop a top-down taxonomy of Strategy-to-Task links to USMC concepts**
- **Extract capabilities/tasks from USMC Concepts**

Grey Book - Marine Corps Operating Concepts for a Changing Security Environment

Operating concepts - Forward Presence, Security Cooperation and Counterrorism, Crisis Response, Forcible Entry, Prolonged Operations, and Counterinsurgency.

Enabling concepts – Seabasing and Distributed Operation

Identify conditions & standards

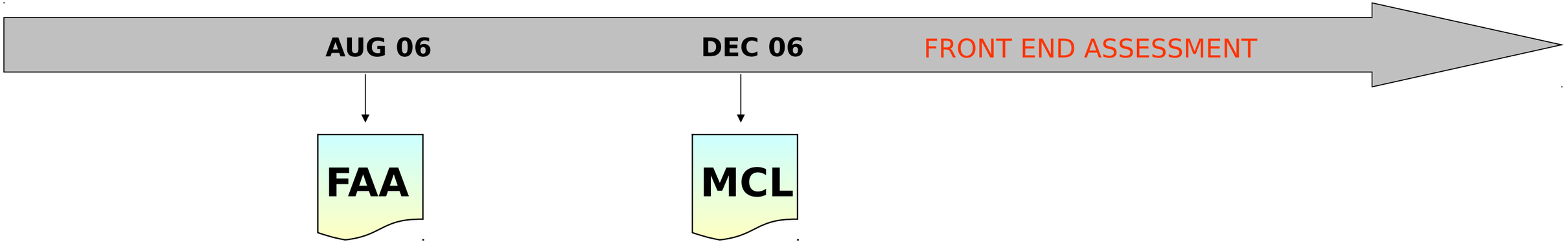
Output: Prioritized list of Capabilities (JCAs) with associated Tasks, Conditions & Standards for the Functional Needs Analysis (FNA)

Functional Area Analysis (FAA)

Lead: MCWL

- Identifies USMC Capability needs.
- Designing the Force to support Joint Visions.
- Applies CMC Long Range Strategic Vision.
- Applies potential Enemy Capability Analysis.
- Applies Lessons Learned to identify future capabilities.
- Fuses Advocate, MARFORs, & SE strategies early into the process to support Strategic Vision.

FUNCTIONAL NEEDS ANALYSIS



FUNCTIONAL NEEDS ANALYSIS (FNA)

Lead: CDD/Integration Divisions

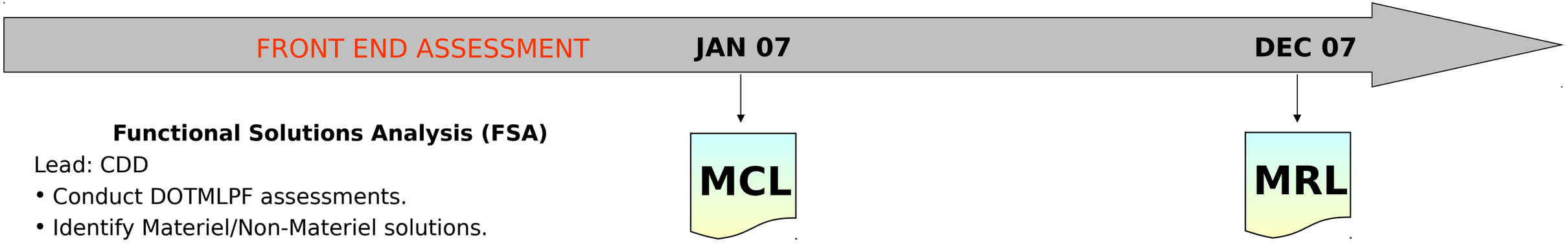
- Analysis of the capabilities (JCAs) and associated Tasks, Conditions, and Standards identified during the FAA.

•Identifies USMC Capability **Gaps, Shortfalls, and Excesses**."

•Review existing joint programs, USMC programs, and science/technology plans to determine Gaps, Shortfalls, and Excesses.

•The MCL is the basis for the FSA and supports development of the MAGTF Requirements List (MRL).

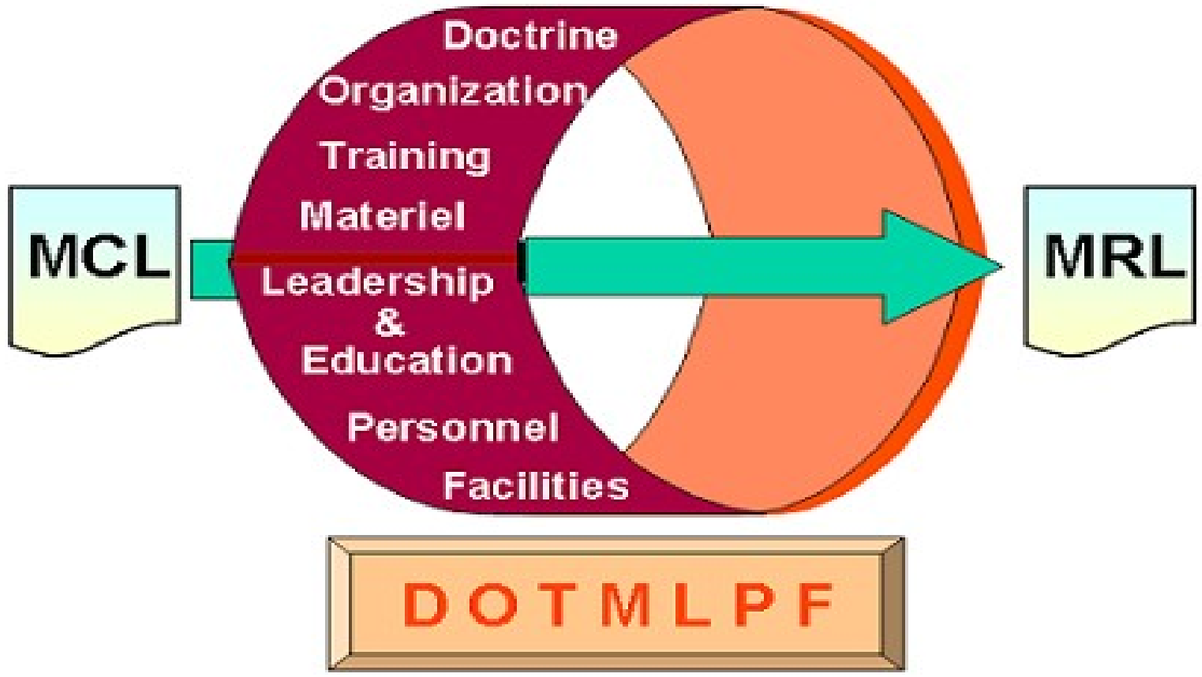
FUNCTIONAL SOLUTIONS ANALYSIS



Functional Solutions Analysis (FSA)

Lead: CDD

- Conduct DOTMLPF assessments.
- Identify Materiel/Non-Materiel solutions.
- Quantify solutions and required actions across HQMC, MARFORs, MCSC, MCWL, & TECOM.
- Develop JCIDS documentation (ICD, CDD, CPD).
- Develop the MRL to represent the “Investment” input to the T-POM.
- Used for identifying warfighting requirements to compete in the POM.



INTEGRATION DIVISIONS (IDs) “FSA FUNCTIONS”

- **Conduct materiel/non-materiel analysis and DOTMLPF assessments per capability gap/shortfall.**
- **Assist with Solution Planning Directives (SPDs).**
- **Assist with development of the recommended integrated/prioritized MRL.**
- **Develop Doctrinal solutions to mitigate/solve gaps.**
- **Develop Joint Capabilities Integration and Development System (JCIDS) documentation.**
- **Develop other documentation as required.**

Deputy Commandants, Proponents, MARFORs, SE fully participate with Integration Divisions functions (membership - seat at the table, must speak for their organization). Total team effort in support of MAGTF Integration for “all planning processes necessary to organize, train and equip the MAGTF”

Questions??